

FIG. 1

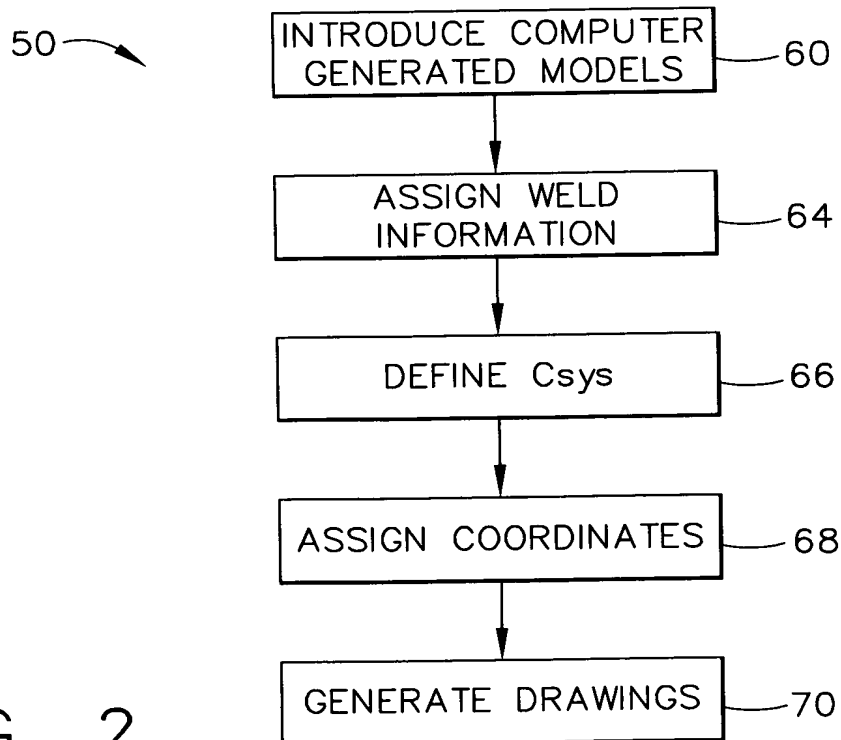


FIG. 2



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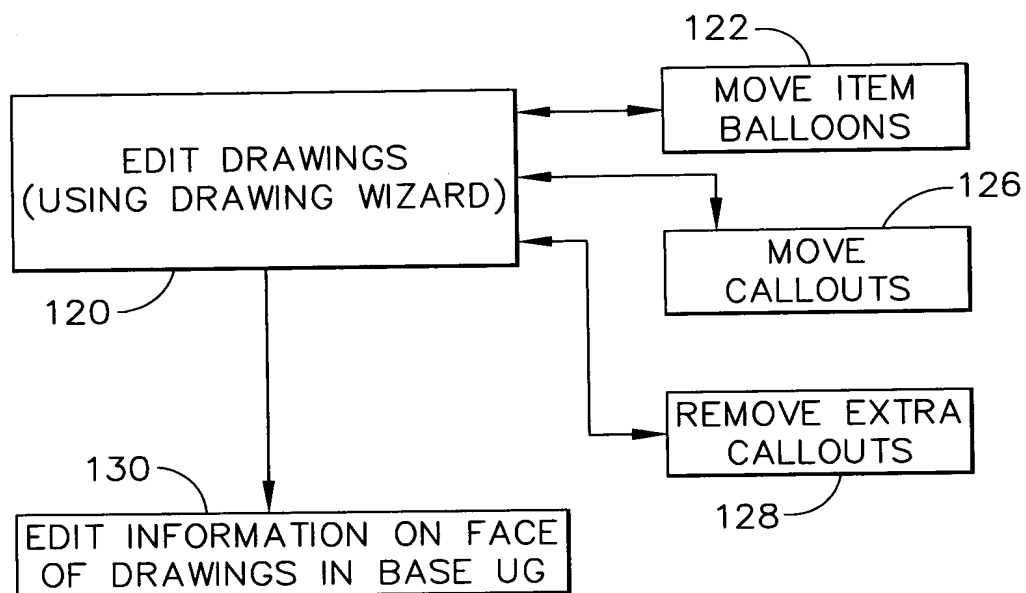


FIG. 3



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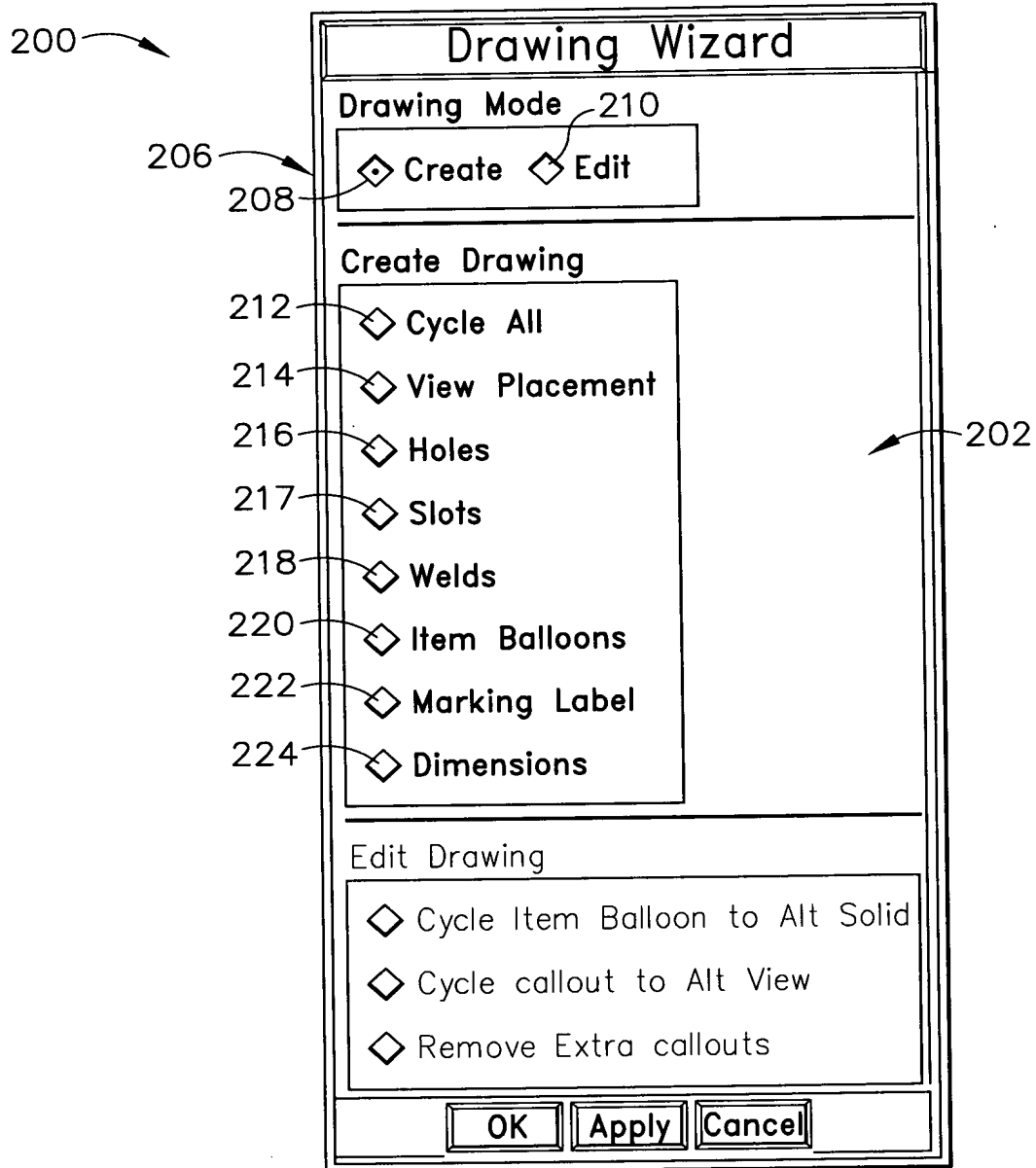


FIG. 4

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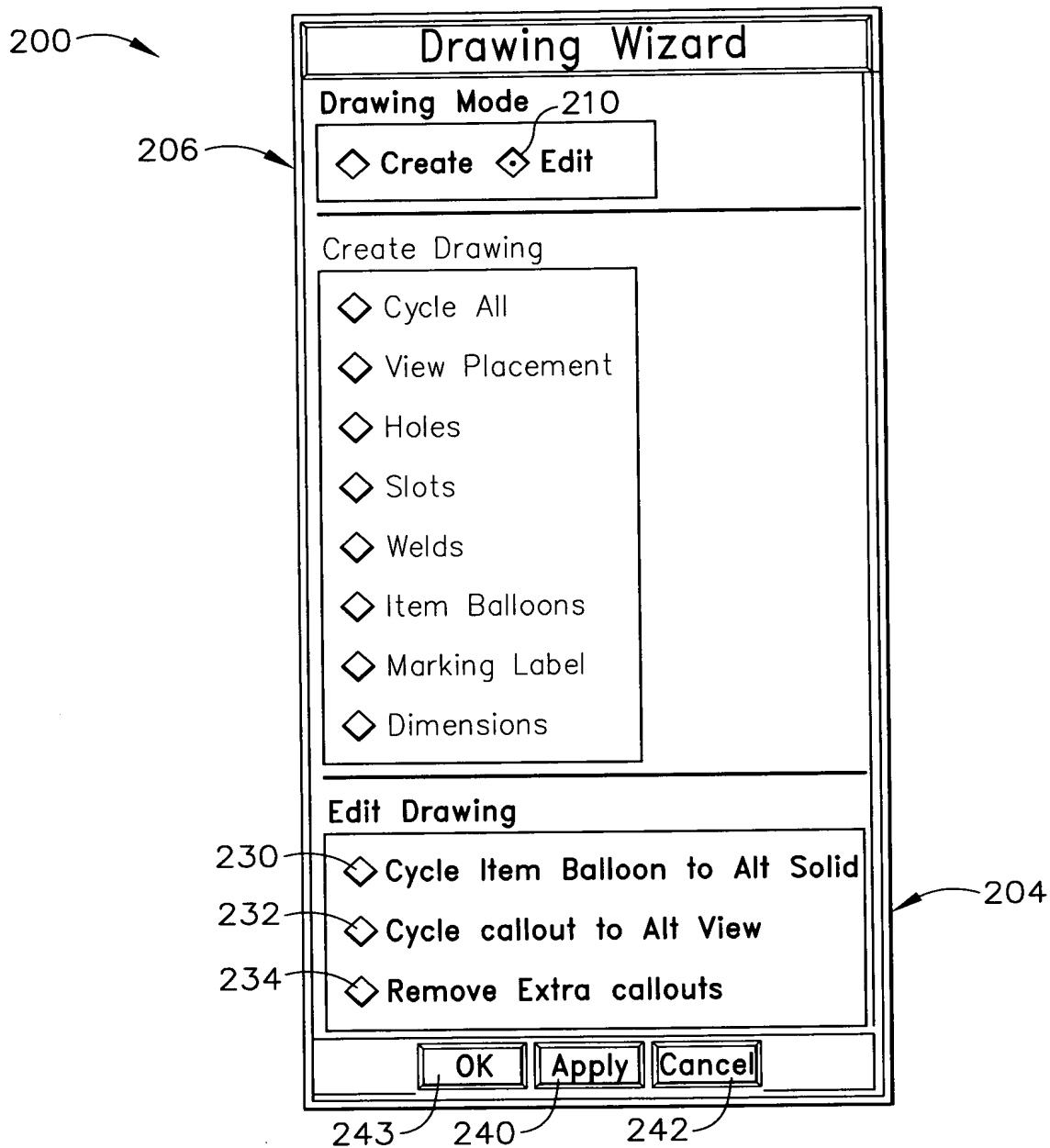


FIG. 5



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A screenshot of a software dialog box titled "Weld Builder". The dialog box is divided into three main sections. The first section, labeled "Mode", contains three radio button options: "Add Weld" (labeled 260), "Delete Weld" (labeled 262), and "Display Welds" (labeled 264). The second section, labeled "Add Weld", contains three radio button options: "Corner" (labeled 270), "Butt" (labeled 272), and "Fillet" (labeled 274). The third section, labeled "Delete Weld", contains two radio button options: "Selected" (labeled 316) and "All" (labeled 314). At the bottom of the dialog box are three buttons: "OK", "Back", and "Cancel". Arrows point from labels 252, 254, and 256 to the "Mode", "Add Weld", and "Delete Weld" sections respectively. A label 250 points to the top-left corner of the dialog box.

FIG. 6



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Fillet Weld Parameters

Fillet Weld Type

284 ☐ Standard Fillet Weld 286 ☐ Standard Spacer 288 ☐ J1301 Spacer 282

Fillet Size 290

Clocking Angle 292

294 ☒ All Around

296 ☒ Both Sides

298 ☒ Intermittent

Weld Length 300

Weld Pitch 302

312 310

FIG. 7

330

Hole Identification

332

334 336

338 340 342

FIG. 8